

Inventors: Rose et al.  
Attorney Docket: P-PM 4978

**A**

1	cccgcccttcc	tagctgtccc	agtggagaag	gaacaagcgc	ctcactgcat	ctgtgcaaac
61	gggcggcaaa	ctgtgtcctg	ggcagtaacc	ccaaagtcac	taggaaatgt	gaatttcact
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241	aaggaaacaa	cattcaactc	cctactttgt	ccatcaggtg	gtgaggtttc	tgaagaatta
301	tccctgaaac	tgccaccaaa	tgtggtagaa	gaatctgccc	gagcttctgt	ctcagttttg
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421	tgtggagagc	agaatatggg	cctcttttgc	cctaacatct	atgtactgga	ttatctaaat
481	gaaacacagc	agcttactcc	agagatcaag	tccaaggcca	ttggctatct	caacactggg
541	taccagagac	agttgaacta	caaacactat	gatggctcct	acagcacctt	tggggagcga
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721	cagaggcaga	aggacaatgg	ctgtttcagg	agctctgggt	cactgctcaa	caatgccata
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901	tggaagacag	cacaagaagg	ggaccatggc	agccatgtat	ataccaaaga	cctgctggcc
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1081	ccagtggggg	atttttacga	accccaggct	ccctctgctg	aggtggagat	gacatcctat
1141	gtgctcctcg	cttatctcac	ggcccagcca	gcccacacct	cggaggacct	gacctctgca
1201	accaacatcg	tgaagtggat	cacgaagcag	cagaatgccc	agggcggttt	ctcctccacc
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1741	agcaaccatg	tcttgattta	ccttgataag	gtgtcaaatc	agacactgag	cttggtcttc
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1861	tactacgaga	cggatgagtt	tgcaattgct	gagtacaatg	ctccttgag	caaagatcct
1921	ggaaatgctt	gaagaccaca	aggctgaaaa	gtgctttgct	ggagtcctgt	tctcagagct
1981	ccacagaaga	cacgtgtttt	tgtatcttta	aagacttgat	gaataaacac	tttttctggg
2041	c					

**B** PAFLAVPVEKEQAPHICANGRQTVSWAVTPKSLGNVNFTVSAEALLESQELCGTEVPSVPEHGRKDTVIKPL  
LVEPEGLEKETTFNSLLCPSGGEVSEELSLKLPPNVVEESARASVSVLGDILGSAMQNTQNLQMPYGCGEQ  
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TEVSSNHVLIYLDKVSNTLSLFFTVLQDVPVRDLKPAIVKVYDYYETDEFAIAEYNAPCSKDLGNA

**FIGURE 1**

**A**

1	aggggcctta	gcgtgccgca	tcgccgagat	ccagcgccca	gagagacacc	agagaaccca
61	ccatggcccc	ctttgagccc	ctggcttctg	gcatcctggt	gttgctgtgg	ctgatagccc
121	ccagcagggc	ctgcacctgt	gtccccaccc	acccacagac	ggccttctgc	aattccgacc
181	tcgtcatcag	ggccaagtgc	gtggggacac	cagaagtcaa	ccagaccacc	ttataccagc
241	gttatgagat	caagatgacc	aagatgtata	aagggttcca	agccttaggg	gatgccgctg
301	acatccggtt	cgtctacacc	cccgccatgg	agagtgtctg	cggatacttc	cacaggtccc
361	acaaccgcag	cgaggagttt	ctcattgctg	gaaaactgca	ggatggactc	ttgcacatca
421	ctacctgcag	tttcgtggct	ccctggaaca	gcctgagctt	agctcagcgc	cggggcttca
481	ccaagaccta	cactgttggc	tgtgaggaat	gcacagtgtt	tccctgttta	tccatcccct
541	gcaaactgca	gagtggcact	cattgcttgt	ggacggacca	gctcctccaa	ggctctgaaa
601	agggcttcca	gtcccgtcac	cttgcctgcc	tgcctcggga	gccagggctg	tgcacctggc
661	agtccttgcg	gtcccagata	gcctgaatcc	tgcccgaggt	ggaactgaag	cctgcacagt
721	gtccaccctg	ttcccactcc	catctttctt	ccggacaatg	aaataaagag	ttaccaccca
781	gc					

**B**

MAPFEPLASGILLLLWLIAPSRACCTCVPPHPQTAFCSNDLVIRAKFVGTPENVQTTLYQRYEIKMTKMYKG  
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YTVGCEECTVFPCLSI PCKLQSGTHCLWTDQLLQSEKGFQSRHLACLPREPGLCTWQSLRSQIA

**FIGURE 2**